



## Job Posting Notification

**Position:** Software Engineer II

**Position Location:** Charlottesville, Virginia

**Contact:** [resumesVA@vgt.net](mailto:resumesVA@vgt.net)

### **Position Summary**

Creates, modifies, reviews and analyzes software including coding, testing, debugging and documentation

### **Essential Duties/Responsibilities**

- Assist in the development of a Requirements Baseline and specifications for all new code
- Assist in the creation of technical design documents for the products
- Design software modules including writing design documents following the software process documents
- Create unit test plan for designs
- Work with other Programmers to realize any reuse of code and designs in current projects, and to identify appropriate approach to solve code errors and enhancements
- Evaluate proposed designs and do risk assessments
- Use VGT standard programming methods, design models, and software process for specifying and designing changes to existing products
- Implement and test code according to specifications from design documents
- Analyze existing code to learn how it functions and to debug various issues that may arise
- Document changes and write test plan to verify the changes
- Participate in process improvement initiatives and peer reviews of code design and written code
- Participate in the creation of software modules that have an emphasis on system design
- Follow all coding standards and use CASE tools to maintain code quality and maintainability
- Assure products display and exemplify VGT quality and performance

### **Knowledge/Skills Required**

- Experience using C/C++ and Python languages on PC/NT platforms
- Experience using Object Oriented design methodology
- Experience in technical documentation using the UML and technical prose
- Ability to adapt and learn new methods and skills
- Good oral and written communication skills
- Proven analytical abilities applied to software implementation
- Knowledgeable in software design theory and application thereof

### **Qualifications, Education and Work Experience**

- Bachelors in Computer Science/Engineering or related field
- 2+ years of professional programming experience

**Benefits:** Medical, Dental, Vision, Rx, 401(k) match, Life Insurance, AD&D, STD, LTD, Employee Assistance Program, Health/Dependent Care Reimbursement, Tuition Reimbursement, 9 Paid holidays and Paid Time Off

Qualified and interested persons should send resume and cover letter to [resumesVA@vgt.net](mailto:resumesVA@vgt.net) stating the position title in the subject line. Please include salary requirements. Only candidates selected for consideration will be contacted. **No phone calls please.**

**VGT is an EQUAL OPPORTUNITY EMPLOYER**

Bonus Referral Eligible: Level III